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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/833,500	04/11/2001	Vincent J. Hardy	SUNIP706	2982

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BEYER WEAVER & THOMAS LLP  
P.O. BOX 70250  
OAKLAND, CA 94612-0250

EXAMINER

RIES, LAURIE ANNE

ART UNIT PAPER NUMBER

2176

DATE MAILED: 02/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Notice of Allowability**

Application No.

09/833,500

Examiner

Laurie Ries

Applicant(s)

HARDY, VINCENT J.

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2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/5/04.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ The drawings filed on 11 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William Plut on 2/1/2005.

The application has been amended as follows:

**Claim 1:** A user controllable non-atomic computer-implemented method of selectively converting a rendering sequence into a document, comprising:

- parsing the rendering sequence into a set of associated sub-rendering sequences wherein each of the set of sub-rendering sequences includes a basic rendering component;

- selecting one of the set of associated sub-rendering sequences;

- selecting a basic rendering component that is relevant to the user;

- breaking the selected one into a corresponding plurality of basic rendering components based upon the selected relevant rendering component;

- converting each of the corresponding plurality of basic rendering components to form a set of converted rendering components;

- accessing the set of converted rendering components;

tagging selected ones of the set of converted rendering components based upon a user supplied tagging instruction to form a subset of tagged converted rendering components; and

combining the set of converted rendering components and the subset of tagged converted rendering components to form the document.

**Claim 10:** Computer program product tangibly embodied on a computer storage medium for selectively converting a first rendering sequence into a document, comprising:

computer code for parsing the rendering sequence into a set of associated sub-rendering sequences wherein each of the set of sub-rendering sequences includes a basic rendering component;

computer code for selecting one of the set of associated sub-rendering sequences;

computer code for selecting a basic rendering component that is relevant to the user;

computer code for breaking the selected one into a corresponding plurality of basic rendering components based upon the selected relevant rendering component;

computer code for converting each of the corresponding plurality of basic rendering components to form a set of converted rendering components;

computer code for accessing the set of converted rendering components;

computer code for tagging selected ones of the set of converted rendering components based upon a user supplied tagging instruction to form a subset of tagged converted rendering components;

computer code for combining the set of converted rendering components and the subset of tagged converted rendering components to form the document; and

computer readable medium for storing the computer code.

### **Reasons for Allowance**

The following is an examiner's statement of reasons for allowance: The claims teach a user controllable non-atomic computer-implemented method and system for selectively converting a rendering sequence into a document by parsing the rendering sequence into a set of associated sub-rendering sequence and selecting one of the sets, by selecting a basic rendering component relevant to a user, by breaking the selected component into a number of components, by converting each of the basic rendering components, by tagging selected converted components based on user supplied tagging instructions, and by combining the set of converted rendering components and the subset of tagged converted rendering components to form the document. The prior art teaches an electronic document delivery system including a set of rules for translating electronic documents from a first digital format to a Braille format. The prior art does not teach selecting a set of associated sub-rendering sequences or selecting a basic rendering component relevant to a user for use in the conversion process. The prior art also does not teach tagging selected sets of converted rendering

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components based on user supplied tagging instructions to form a subset of tagged converted rendering components. Claims 1 and 10 have been amended to overcome potential non-statutory subject matter.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Laurie Ries whose telephone number is (571) 272-4095. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild, can be reached at (571) 272-4090.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LR

  
**JOSEPH FEILD**  
**SUPERVISORY PATENT EXAMINER**